OM protein - protein search, using sw model

GenCore version 5.1.6
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Run on:          June 9, 2003, 12:34:22 ; Search time 176.298 Seconds
                 (without alignments)
                 131.654 Million cell updates/sec

Sequence:        1 VRRVWRRVRVRVWRRWVRRVRRVVRRWVRVRVVRRWVRR 36
Perfect score:   190
Title:           US-09-785-058-11

Scoring table:   BLOSUM62
                 Gapop 10.0 , Gapext 0.5

Searched:        4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters:   4569144

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :       Pending Patents AA Main:*
1:  /cgn2_6/ptodata/1/paa/PCTUS_COMB.pep:*
2:  /cgn2_6/ptodata/1/paa/US06_COMB.pep:*
3:  /cgn2_6/ptodata/1/paa/US07_COMB.pep:*
4:  /cgn2_6/ptodata/1/paa/US080_COMB.pep:*
5:  /cgn2_6/ptodata/1/paa/US081_COMB.pep:*
6:  /cgn2_6/ptodata/1/paa/US082_COMB.pep:*
7:  /cgn2_6/ptodata/1/paa/US083_COMB.pep:*
8:  /cgn2_6/ptodata/1/paa/US084_COMB.pep:*
9:  /cgn2_6/ptodata/1/paa/US085_COMB.pep:*
10: /cgn2_6/ptodata/1/paa/US086_COMB.pep:*
11: /cgn2_6/ptodata/1/paa/US087_COMB.pep:*
12: /cgn2_6/ptodata/1/paa/US088_COMB.pep:*
13: /cgn2_6/ptodata/1/paa/US089_COMB.pep:*
14: /cgn2_6/ptodata/1/paa/US090_COMB.pep:*
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21: /cgn2_6/ptodata/1/paa/US097_COMB.pep:*
22: /cgn2_6/ptodata/1/paa/US098_COMB.pep:*
23: /cgn2_6/ptodata/1/paa/US099_COMB.pep:*
24: /cgn2_6/ptodata/1/paa/US100_COMB.pep:*
25: /cgn2_6/ptodata/1/paa/US102_COMB.pep:*
26: /cgn2_6/ptodata/1/paa/US60_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | % Query Match | Length | DB | ID | Description |
|---|---|---|---|---|---|---|
| 1 | 190 | 100.0 | 36 | 1 | PCT-US02-04432-11 | Sequence 11, Appl |
| 2 | 190 | 100.0 | 36 | 1 | PCT-US02-04812-11 | Sequence 11, Appl |
| 3 | 190 | 100.0 | 36 | 21 | US-09-785-058-11 | Sequence 11, Appl |
| 4 | 190 | 100.0 | 36 | 24 | US-09-785-059-11 | Sequence 11, Appl |
| 5 | 190 | 100.0 | 36 | 36 | US-10-079-075-11 | Sequence 11, Appl |
| 6 | 176 | 92.6 | 48 | 1 | PCT-US02-04432-12 | Sequence 12, Appl |
| 7 | 176 | 92.6 | 48 | 1 | PCT-US02-04432-12 | Sequence 12, Appl |
| 8 | 176 | 92.6 | 48 | 21 | US-09-785-058-12 | Sequence 12, Appl |
| 9 | 176 | 92.6 | 48 | 21 | US-09-785-059-12 | Sequence 12, Appl |
| 10 | 176 | 92.6 | 48 | 24 | US-10-079-075-12 | Sequence 12, Appl |
| 11 | 134 | 70.5 | 36 | 1 | PCT-US02-04432-7 | Sequence 7, Appli |
| 12 | 134 | 70.5 | 36 | 21 | US-09-785-058-7 | Sequence 7, Appli |
| 13 | 134 | 70.5 | 36 | 21 | US-09-785-059-7 | Sequence 7, Appli |
| 14 | 134 | 70.5 | 36 | 24 | US-10-079-075-7 | Sequence 7, Appli |
| 15 | 134 | 70.5 | 42 | 1 | PCT-US02-04812-6 | Sequence 6, Appli |
| 16 | 134 | 70.5 | 42 | 21 | US-09-785-058-6 | Sequence 6, Appli |
| 17 | 134 | 70.5 | 42 | 21 | US-09-785-059-6 | Sequence 6, Appli |
| 18 | 134 | 70.5 | 42 | 24 | US-10-079-075-6 | Sequence 6, Appli |
| 19 | 134 | 70.5 | 48 | 1 | PCT-US02-04812-8 | Sequence 8, Appli |
| 20 | 134 | 70.5 | 48 | 21 | US-09-785-058-8 | Sequence 8, Appli |
| 21 | 134 | 70.5 | 48 | 21 | US-09-785-059-8 | Sequence 8, Appli |
| 22 | 134 | 70.5 | 48 | 24 | US-10-079-075-8 | Sequence 8, Appli |
| 23 | 130 | 68.4 | 48 | 1 | PCT-US02-04432-10 | Sequence 10, Appl |
| 24 | 130 | 68.4 | 48 | 1 | PCT-US02-04812-10 | Sequence 10, Appl |
| 25 | 130 | 68.4 | 48 | 21 | US-09-785-058-10 | Sequence 10, Appl |
| 26 | 130 | 68.4 | 48 | 21 | US-09-785-059-10 | Sequence 10, Appl |
| 27 | 130 | 68.4 | 48 | 24 | US-10-079-075-10 | Sequence 10, Appl |
| 28 | 96 | 50.5 | 31 | 1 | PCT-US02-04812-5 | Sequence 5, Appli |
| 29 | 96 | 50.5 | 31 | 21 | US-09-785-058-5 | Sequence 5, Appli |
| 30 | 96 | 50.5 | 31 | 24 | US-10-079-075-5 | Sequence 5, Appli |
| 31 | 96 | 50.5 | 31 | 21 | US-09-785-059-5 | Sequence 5, Appli |
| 32 | 96 | 50.5 | 31 | 1 | PCT-US02-04432-5 | Sequence 5, Appli |
| 33 | 96 | 50.5 | 31 | 21 | US-09-785-058-3 | Sequence 3, Appli |
| 34 | 96 | 50.5 | 31 | 21 | US-09-785-059-3 | Sequence 3, Appli |
| 35 | 96 | 50.5 | 31 | 24 | US-10-079-075-3 | Sequence 3, Appli |
| 36 | 88 | 46.3 | 24 | 1 | PCT-US02-04432-5 | Sequence 10, Appl |
| 37 | 88 | 46.3 | 24 | 1 | PCT-US02-04812-5 | Sequence 10, Appl |
| 38 | 88 | 46.3 | 24 | 21 | US-09-785-058-5 | Sequence 3, Appli |
| 39 | 88 | 46.3 | 24 | 21 | US-09-785-059-5 | Sequence 3264, Ap |
| 40 | 88 | 46.3 | 24 | 20 | US-10-079-075-5 | Sequence 8450, A |
| 41 | 80.5 | 42.4 | 133 | 20 | US-09-614-150-10746 | Sequence 10746, A |
| 42 | 80.5 | 42.4 | 133 | 27 | US-60-191-637-10778 | Sequence 10778, A |
| 43 | 80.5 | 42.4 | 133 | 27 | US-60-191-681-8450 | Sequence 8450, A |
| 44 | 73 | 38.4 | 71 | 20 | US-09-620-111B-3264 | Sequence 3264, Ap |
| 45 | 73 | 38.4 | 82 | 19 | US-09-513-996A-34302 | Sequence 34302, A |

ALIGNMENTS

RESULT 1
PCT-US02-04432-11
Sequence 11, Application PC/TUS0204432

; Sequence 11, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-11

Query Match       100.0%; Score 190; DB 1; Length 36;
Best Local Similarity   100.0%; Pred. No. 5.6e-15;
Matches    36; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Qy          1 VRRVWRRVRVRVWRRWVRRVRRVVRRWVRVRVVRRWVRR 36
              |||||||||||||||||||||||||||||||||||||
Db          1 VRRVWRRVRVRVWRRWVRRVRRVVRRWVRVRVVRRWVRR 36

RESULT 2
PCT-US02-04812-11
; Sequence 11, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-11

Query Match          100.0%;  Score 190;  DB 1;  Length 36;
Best Local Similarity  100.0%;  Pred. No. 5.6e-15;
Matches   36;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36
          |||||||||||||||||||||||||||||||||||
Db   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36

RESULT 3
US-09-785-058-11
; Sequence 11, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artifical sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-11

Query Match          100.0%;  Score 190;  DB 21;  Length 36;
Best Local Similarity  100.0%;  Pred. No. 5.6e-15;
Matches   36;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36
          |||||||||||||||||||||||||||||||||||
Db   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36

RESULT 4
US-09-785-059-11
; Sequence 11, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artifical sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-11

Query Match          100.0%;  Score 190;  DB 21;  Length 36;
Best Local Similarity  100.0%;  Pred. No. 5.6e-15;
Matches   36;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36
          |||||||||||||||||||||||||||||||||||
Db   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36

RESULT 5
US-10-079-075-11
; Sequence 11, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-11

Query Match          100.0%;  Score 190;  DB 24;  Length 36;
Best Local Similarity  100.0%;  Pred. No. 5.6e-15;
Matches   36;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36
          |||||||||||||||||||||||||||||||||||
Db   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRR 36

RESULT 6
PCT-US02-04432-12
; Sequence 12, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
PCT-US02-04432-12

Query Match          92.6%;  Score 176;  DB 1;  Length 48;
Best Local Similarity  100.0%;  Pred. No. 3.2e-13;
Matches   33;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   1  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRRW 33
          |||||||||||||||||||||||||||||||||
Db  13  VRRVWRRVVRVRVRVRWRRVRVRVRVRWRVWRRVVRVRVVRRWVRRW 45

RESULT 7

PCT-US02-04812-12
; Sequence 12, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
PCT-US02-04812-12

Query Match          92.6%;  Score 176;  DB 1;  Length 48;
Best Local Similarity   100.0%;  Pred. No. 3.2e-13;
Matches  33;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy   1  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  33
        |||||||||||||||||||||||||||||||||||
Db  13  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  45

RESULT 8
US-09-785-058-12
; Sequence 12, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-09-785-058-12

Query Match          92.6%;  Score 176;  DB 21;  Length 48;
Best Local Similarity   100.0%;  Pred. No. 3.2e-13;
Matches  33;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy   1  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  33
        |||||||||||||||||||||||||||||||||||
Db  13  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  45

RESULT 9
US-09-785-059-12
; Sequence 12, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artifical sequence

; FEATURE:
; OTHER INFORMATION:.artificial peptides derived from HIV-1
US-09-785-059-12

Query Match          92.6%;  Score 176;  DB 21;  Length 48;
Best Local Similarity   100.0%;  Pred. No. 3.2e-13;
Matches  33;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy   1  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  33
        |||||||||||||||||||||||||||||||||||
Db  13  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  45

RESULT 10
US-10-079-075-12
; Sequence 12, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-10-079-075-12

Query Match          92.6%;  Score 176;  DB 24;  Length 48;
Best Local Similarity   100.0%;  Pred. No. 3.2e-13;
Matches  33;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy   1  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  33
        |||||||||||||||||||||||||||||||||||
Db  13  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVVRRW  45

RESULT 11
PCT-US02-04432-6
; Sequence 6, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-6

Query Match          70.5%;  Score 134;  DB 1;  Length 36;
Best Local Similarity   88.9%;  Pred. No. 1.9e-08;
Matches  32;  Conservative   0;  Mismatches   4;  Indels   0;  Gaps   0;

Qy   1  VRRVWRRVRVRVVRRWVRRVRVRWRRVVRVRVRWVRR  36
        |||| |||||||||| |||| |||| ||||| || ||
Db   1  VRRVRVRVRVRVVRRVVRRVRVRVVRRVVRVRVVVRR  36

RESULT 12
PCT-US02-04812-6

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;   Sequence 6, Application PC/TUS0204812
GENERAL INFORMATION:
;   APPLICANT: Ronald C. Montelaro
;   APPLICANT: Timothy A. Mietzner
;   TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;   FILE REFERENCE: A34001-PCT / 072396.0223
;   CURRENT APPLICATION NUMBER: PCT/US02/04812
;   CURRENT FILING DATE: 2002-02-19
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: FastSEQ for Windows Version 3.0
;   SEQ ID NO 6
;   LENGTH: 36
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-6

Query Match    70.5%;    Score 134;    DB 1;    Length 36;
Best Local Similarity  88.9%;    Pred. No. 1.9e-08;
Matches 32;   Conservative  0;   Mismatches  4;   Indels  0;   Gaps  0;

Qy    1  VRRVWRRVRVRVRRWVRRVRVRWRRVRVRVRRWVRR  36
         |||||||||||||||||||||||||||||||| |||
Db    1  VRRVVRRVVRVRRVRVRRVRVRRVRVVRRVVRRVVRR  36


RESULT 13
US-09-785-058-6
;   Sequence 6, Application US/09785058
GENERAL INFORMATION:
;   APPLICANT: Ronald C. Montelaro
;   APPLICANT: Timothy A. Mietzner
;   TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;   FILE REFERENCE: A 34001 / 072396.0222
;   CURRENT APPLICATION NUMBER: US/09/785,058
;   CURRENT FILING DATE: 2001-02-16
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: FastSEQ for Windows Version 3.0
;   SEQ ID NO 6
;   LENGTH: 36
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-6


RESULT 14
US-09-785-059-6
;   Sequence 6, Application US/09785059
GENERAL INFORMATION:
;   APPLICANT: Ronald C. Montelaro
;   APPLICANT: Timothy A. Mietzner
;   TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;   FILE REFERENCE: A33577 / 072396.0217
;   CURRENT APPLICATION NUMBER: US/09/785,059
;   CURRENT FILING DATE: 2001-02-16
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: FastSEQ for Windows Version 3.0
;   SEQ ID NO 6
;   LENGTH: 36
;   TYPE: PRT
;   ORGANISM: Artificial sequence
;   FEATURE:
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```
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-6

Query Match    70.5%;    Score 134;    DB 21;    Length 36;
Best Local Similarity  88.9%;    Pred. No. 1.9e-08;
Matches 32;   Conservative  0;   Mismatches  4;   Indels  0;   Gaps  0;

Qy    1  VRRVWRRVRVRVRRWVRRVRVRWRRVRVRVRRWVRR  36
         |||||||||||||||||||||||||||||||| |||
Db    1  VRRVVRRVVRVRRVRVRRVRVRRVRVVRRVVRRVVRR  36


RESULT 15
US-10-079-075-6
;   Sequence 6, Application US/10079075
GENERAL INFORMATION:
;   APPLICANT: Ronald C. Montelaro
;   APPLICANT: Timothy A. Mietzner
;   TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
;   FILE REFERENCE: A34001-A / 072396.0222
;   CURRENT APPLICATION NUMBER: US/10/079,075
;   CURRENT FILING DATE: 2002-02-19
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: FastSEQ for Windows Version 3.0
;   SEQ ID NO 6
;   LENGTH: 36
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-6

Query Match    70.5%;    Score 134;    DB 24;    Length 36;
Best Local Similarity  88.9%;    Pred. No. 1.9e-08;
Matches 32;   Conservative  0;   Mismatches  4;   Indels  0;   Gaps  0;

Qy    1  VRRVWRRVRVRVRRWVRRVRVRWRRVRVRVRRWVRR  36
         |||||||||||||||||||||||||||||||| |||
Db    1  VRRVVRRVVRVRRVRVRRVRVRRVRVVRRVVRRVVRR  36

Search completed: June 9, 2003, 13:07:21
Job time : 176.298 secs
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